

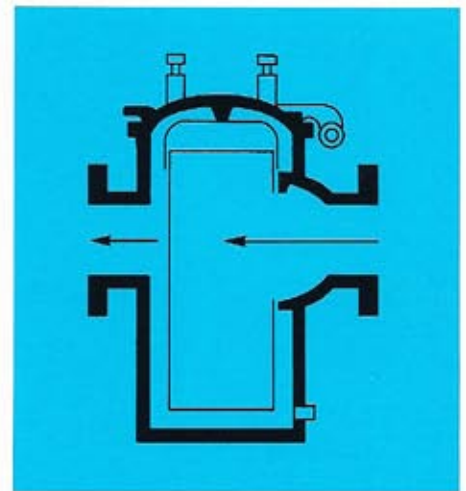
Tate Andale Model 105 Single Basket Strainer

Description

Tate Andale Model 105 Strainers with a single basket have almost universal application wherever fluid flow can be stopped temporarily for removing and cleaning the basket.

Model 105 Strainers are available in sizes 6" thru 30" for system pressure up to 150 PSIG. The basket access cover for 6" thru 16" is yoke type; 20" thru 30" is swing bolted.

The strainers have a side inlet type basket which affords minimum pressure loss. The side entry basket incorporates .05" clearance between the body housing and basket frame to facilitate basket removal. While the basket can be lined with a mesh liner, particles as large as .05" may by-pass the basket.

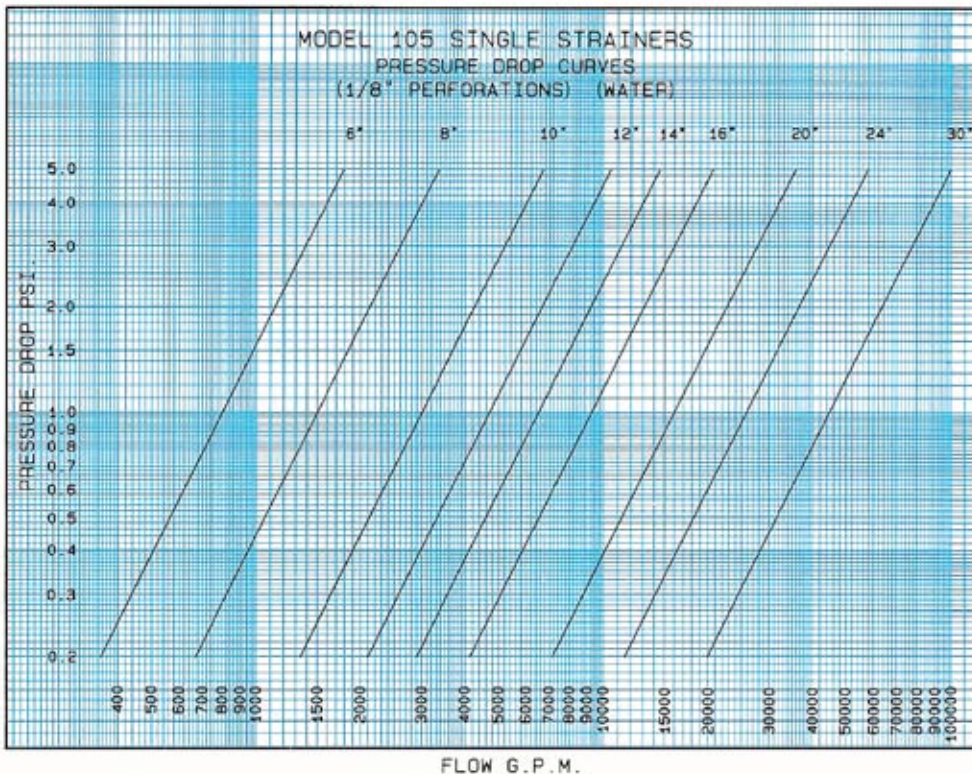


Typical Strainer Specification

The strainer shall be a single basket type, capable of handling _____ (fluid) at a flow rate of _____ GPM with an approximate pressure drop (clean) of _____ PSIG. The strainer shall be Model 105 as manufactured by Tate Andale Inc., and suitable for a working temperature of _____ °F.

The strainer body shall be of cast iron, bronze, cast steel or stainless steel construction with _____" flanged inlet and outlet connections and shall have a lift-off, hinged (yoke type) or swing bolted basket access cover, depending on strainer size.

The side inlet strainer basket shall be of 304 stainless steel construction with _____ inch diameter perforated openings and a cast iron support.



Standard Materials

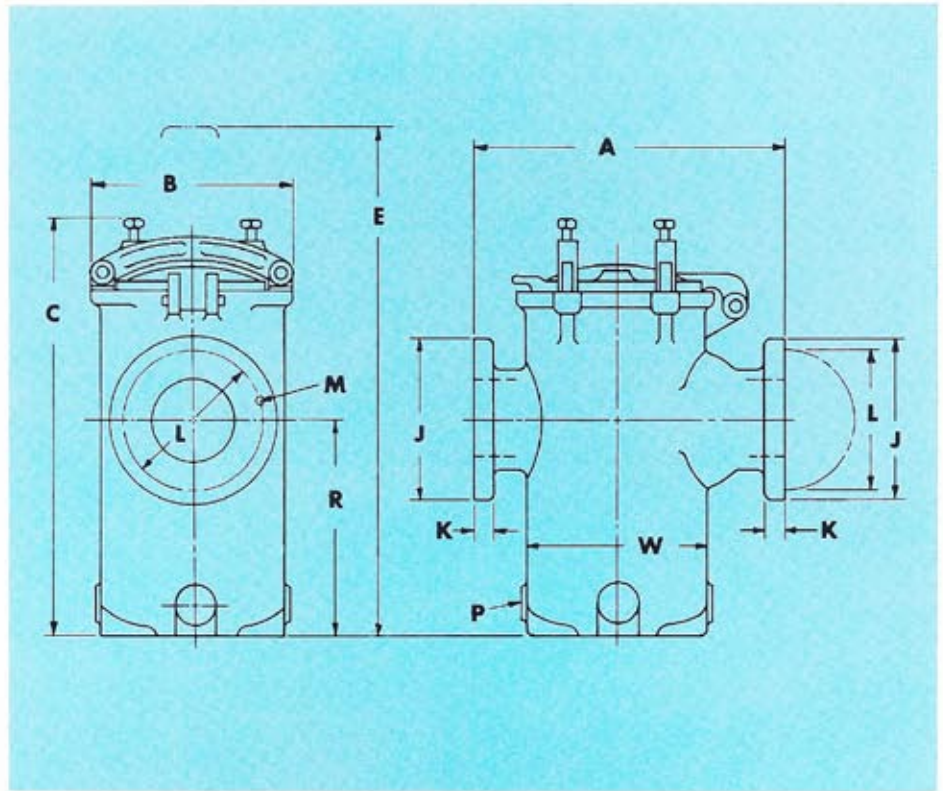
Body, Cover Cast Iron, Bronze,
Cast Steel, Stainless Steel
Basket 304 Stainless Steel

Standard Features

- Body and cover of cast iron or steel
- Side inlet basket with carefully fitted support to minimize pressure drop

Optional Features

- Higher design pressures
- Magnet Assemblies
- Zinc anodes for salt water
- Baskets of 316 Stainless Steel or Monel



Model 105 Dimensions (Approx.) 125 PSIG/150 PSIG

NOMINAL PIPE SIZE	A	B	C	E	J	K	L	M*	P	R	W	NET WT. LBS.
6"	18	15¼	23	34	11	1	9½	8-7/8	¾	10	10⅝	240
8"	22	18⅞	32⅝	49	13½	1⅞	11¼	8-7/8	¾	15	14	460
10"	25	21¼	37¼	57	16	1⅞	14¼	12-1	¾	16	16⅝	670
12"	28	21⅞	38	60	19	1¼	17	12-1	1	18	17¼	850
14"	31	26½	44⅝	74	21	1⅞	18¾	12-1½	1	20	20	1300
16"	35	30	52¼	82	23½	1⅞	21¼	16-1½	2	24	24¼	1840
20"	40	34	56¾	90	27½	1⅞	25	20-1¼	2	26¼	28	2700
24"	48	41	65½	106	32	1⅞	29½	20-1⅝	2½	30½	33½	3800
30"	62	48	77⅞	134	38¾	2⅞	36	28-1⅝	2½	37¼	40½	5800

*Number of bolts and diameter of holes.